



P.O. Box 625, Rt. 331S, Millsboro, DE 19966

May11, 2010

Allen McCloskey
Sr. Environmental Compliance Specialist
Division of Water Resources
DNREC
89 Kings Highway
Dover, DE 19966



RE: DE0000736 – Ammonia concentration-daily max (summary)

Dear Allen:

This letter is a follow up to the letter dated April 23, 2010 informing you of a violation of our Ammonia daily maximum concentration limit. Our limit is 6.7 mg/l and our 24 hour composite sample taken April 6th-April 7th had a result of 17.8 mg/l. The corresponding Nitrate was 0.27 mg/l and the Nitrite was 0.077 mg/l. The same composite sample had a TSS of 4 mg/l and a BOD of 2.24 mg/l. As I stated in our phone conversation we are composite sampling on the 21st and 22nd and will resume Monday the 26th through the end of the month or as long as necessary. Envirocorp has been notified that we need expedited results.

The following effluent 24 hour composite samples and results are as follows:

- April 21-10.8 mg/l
- April 22-12.5 mg/l
- April 26-11.3 mg/l
- April 27-7.8 mg/l
- April 28-3.66 mg/l
- April 29-0.25 mg/l

We also analyzed 2 grab samples from the EB on the 22ND AND 23RD. The corresponding results were 8.02 and 6.37 mg/l of Ammonia.

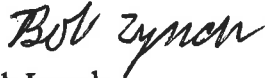
A MLSS sample was taken on May 4th and had a result of 0.45 mg/l

The January, February and March Ammonia results were all <0.05 mg/l. There were no obvious signs of anything amiss as the aeration PH and Alkalinity were on the normal to high side, optimal conditions for nitrification.

We will continue to do additional monitoring on the EB and the AB to try and prevent any further issues.

Any questions or concerns, please call me.

Sincerely,

A handwritten signature in cursive script that reads "Bob Lynch".

Bob Lynch
Environmental/Wastewater Supervisor
(302)934-3833